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DDBJRELEASE:AE000479

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NClustalW

LOCUS AE000479
DEFINITION Escherich

AE000479 10934 bp DNA linear BCT 01-DEC-2000 Escherichia coli K12 MG1655 section 369 of 400 of the complete

genome.

Link

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ACCESSION AE000479 U00096 VERSION AE000479.1

KEYWORDS

Launch

SOURCE Escherichia coli K12
ORGANISM Escherichia coli K12

Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales;

Enterobacteriaceae; Escherichia.

Printer Friendly

REFERENCE 1 (bases 1 to 10934)

AUTHORS Blattner, F.R., Plunkett, G. III, Bloch, C.A., Perna, N.T., Burland, V.,

Riley, M., Collado-Vides, J., Glasner, J.D., Rode, C.K., Mayhew, G.F., Gregor, J., Davis, N.W., Kirkpatrick, H.A., Goeden, M.A., Rose, D.J.,

Mau, B. and Shao, Y.

TITLE The complete genome sequence of Escherichia coli K-12

JOURNAL Science 277 (5331), 1453-1474 (1997)

MEDLINE 97426617

PUBMED 9278503

REFERENCE 2 (bases 1 to 10934)

AUTHORS Blattner, F.R.

TITLE Direct Submission

JOURNAL Submitted (16-JAN-1997) Guy Plunkett III, Laboratory of Genetics,

University of Wisconsin, 445 Henry Mall, Madison, WI 53706, USA.

Email: ecoli@genetics.wisc.edu Phone: 608-262-2534 Fax:

608-263-7459

REFERENCE 3 (bases 1 to 10934)

AUTHORS Blattner, F.R.

TITLE Direct Submission

JOURNAL Submitted (02-SEP-1997) Guy Plunkett III, Laboratory of Genetics,

University of Wisconsin, 445 Henry Mall, Madison, W1 53706, USA.

Email: ecoli@genetics.wisc.edu Phone: 608-262-2534 Fax:

608-263-7459

REFERENCE 4 (bases 1 to 10934)

AUTHORS

Plunkett, G. 111.
Direct Submission

TITLE Direct Submi

JOURNAL Submitted (13-OCT-1998) Laboratory of Genetics, University of

Wisconsin, 445 Henry Mall, Madison, WI 53706, USA

COMMENT On Sep 9, 1997 this sequence version replaced gi:1790489.

This sequence was determined by the E. coli Genome Project at the University of Wisconsin-Madison (Frederick R. Blattner, director).

Supported by NIH grants HG00301 and HG01428 (from the Human Genome

Project and NCHGR). The entire sequence was independently

determined from E. coli K12 strain MG1655. Predicted open reading

frames were determined using GeneMark software, kindly supplied by Mark Borodovsky, Georgia Institute of Technology, Atlanta, GA, 30332 [e-mail: mark@amber.gatech.edu]. Open reading frames that

have been correlated with genetic loci are being annotated with CG Site Nos., unique ID nos. for the genes in the E. coli Genetic Stock Center (CGSC) database at Yale University, kindly supplied by

Mary Berlyn. A public version of the database is accessible (http://cgsc.biology.yale.edu). Annotation of the genome is an ongoing task whose goal is to make the genome sequence more useful by correlating it with other data. Comments to the authors are

appreciated. Updated information will be available at the E. coli Genome Project's World Wide Web site

(http://www.genetics.wisc.edu). *** The E. coli K12 sequence and its annotations are periodically updated; this is version M54. No sequence changes. Annotation updates: updated gene identifications and products; all new functional assignments courtesy of Monica Riley; added promoters, protein binding sites, and repeated

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sequences described in reference 1. The unique numeric identifiers
            beginning with a lowercase 'b' assigned to each gene (protein- or
            RNA-encoding) are now designated as gene synonyms instead of
            labels. This should allow them to be searched for in Entrez as gene
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